BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Estimate Cost Rs. 1950000.00

Name of Work: Detailed Estimate for the work of Development of road connecting venkatala lake view layout in ward No- 01 of yelahanka Sub division.

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRB 2-2.1 : earth work excavation for foundation of buildings, culverts water supply, sanitary line and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5m, in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m, after breaking of clods complete as per specifications, specification, No, KBS 2.1(a) / 2.3.5 No. 5/ Item No, 2.3/ PWD SR 2014-15	cum							
	for RCC drain		1	200.00	1.00	0.90	180.00		
	for road formation		1	160.00	6.00	0.30	288.00		
							468.00	176.04	82387.00
	Basic Rate	163.00							
	Area Weightage @ 8%	13.04							
	Total	176.04							
2	KSRB 100-1 Loading and unloading ofstone aggregates / sand/ kanker/ Moorum /soil KSRRB M100-1 Placing tipper at loading with front end loader dumpting turning for return trip excluding time for haulged and return trip complete as per specification item No 17.1 page 130 and KSRB M.100.4.1 costof haulage excluding loading and unloading MORTH to a distance of 4.00 K.M (Item No 17.4 Page 130 (SR 2014-15)	cum							
			Vide Item No. 1				468.00	79.10	37018.00
	Basic Rate for loading and unloading	63.00							
	Basic Rate for Haulage upto 4.00 k.m =1.28 X 2 X 4	10.24							
		73.24							
	Area Weightage @ 8%	5.86							
	Total	79.10							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
3	KSRB-4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement at 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not exceeding 15cms thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4 1.4.2, No. 12/ Item No. 4.3/ PWD SR 2014-15	Cum							
	for RCC drain		1	200.00	1.00	0.15	30.00		
							30.00	4847.04	145411.00
	Basic Rate	4488.00							
	Area \ Leakage @ 8%	359.04							
	Total	4847.04							
4	KSRB 4.2.2 : Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @0.460cum with superplastesisre @ [illegible] conforming to IS9103:1999Reflirmed machine mixed exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, walls(any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or facing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4 1.4.6, No. KB 4 1.4.6, No. 13/ Item No 4.11/ PWD [illegible] 2014-15	Cum							
	for RCC drain bed		1	200.00	1.00	0.20	40.00		
	side walls		2	200.00	0.15	0.90	54.00		
							94.00	6065.28	570136.00
	Basic Rate	5616.00							
	Area \ Leakage @ 8%	449.28							
	Total	6065.28							

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
5	KSRB 4.9.2:providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending hooking placing in position, lapping and / or welding wherever required tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps hooks and wastage shall not be measured and paid) cost of materials labour HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 Page No. 15/ Item No. 4.46/ PWD SR 2014-15	Quintal							
	90 kg/cum		0.900	94.00			84.60		
				94.00			84.60	7254.80	613756.00
	Basic Rate	7254.80							
6	KSRB 4-6.4 providing and removing centering shuttering, strutting, propping etc and removal of form work for horizontal surface such as walls at any thickness, attached pilasters bittresses, fillets plinth and string course including cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 Page No. 15/ Item No. 4.31/ PWD SR 2014-15	sqm							
	for RCC drain	1x4	4	200.00	0.90		720.00		
							720.00	292.68	210730.00
	Basic Rate	271.00							
	Add Percentage @ 8%	21.68							
	Total	292.68							
6	RCC Precast cover slab for drain (10cm thick)	sqm							
			1	200.00	0.90		180.00		
							180.00	1498.00	269640.00
	Rate Approved by BBMP	1498.00							
7	1% of Quality Control Charges								19500.00
8	Miscellaneous charges								1422.00
								Total	1950000.00

(Rupees Nineteen lakhs Fifty thousand Only)

CERTIFICATE

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per C.S.R. of 2014-15.
3 The provisions made in this estimate are necessary and adequate.
4 This works comes under B.B.M.P. limits.

Assistant Engineer

Assistant Executive Engineer
Yelahanka Sub Division
Bangalore-64

Executive Engineer
Yelahanka Division
Bangalore-64

Development of road connecting between Venkatala and lake view layout in ward No-01 of YNK